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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Joseph Tucker, et al.

Serial No.: 10/709,653

Filed: May 20, 2004

For: Self-Aligning Insert for Drill Bits



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Art Unit No.: 3672

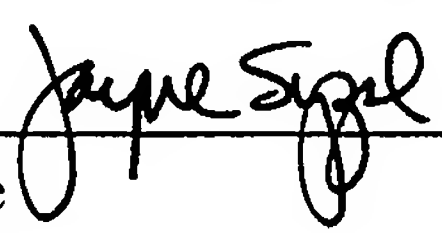
Examiner:

Docket No.: 78.1182

August 25, 2005

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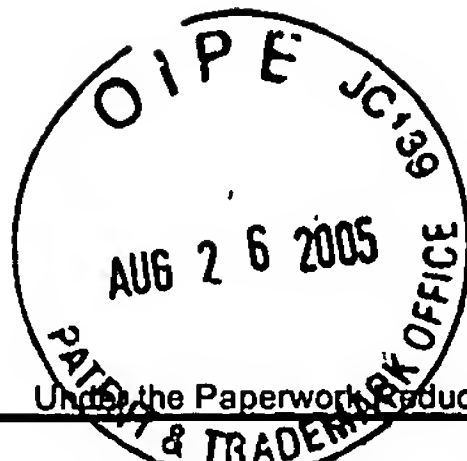
Respectfully submitted,



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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/709,653
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First Named Inventor	Tucker, et al.
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Sheet 1 of 14

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 4150476	04-24-1979	Kita	
		US- 4077734	03-07-1978	Kita	
		US- 3603414	09-07-1971	Stebley	
		US- 4289211	09-15-1981	Lumen	
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		US- 2121202	06-21-1938	Killgore	
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		US- 3628616	12-21-1971	Neilson	
		US- 3726350	04-10-1973	Pessier	
		US- 3727705	04-17-1973	Newman	
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		US- 3970158	07-20-1976	Black et al.	
		US- 4006788	02-08-1977	Garner	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		EP0501258 A1	09-02-1992	Hughes Tool Co		
		EP0500514 A1	08-26-1992	Sandvik Aktiebo		
		EP0476352 A1	03-25-1992	Hughes Tool Co		
		EP0467870 A1	01-22-1992	Smith Inter		
		EP0453428 A1	10-23-1991	Sandvik Aktiebo		
		EP0449415 A2	02-21-1991	Camco Internat		

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		EP0955445 A2	11-10-1999	GE		
		EP0916804 A1	05-19-1999	GE		
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		US- 4359335	11-16-1982	Garner	
		US- 4372404	02-08-1983	Drake	
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		EP0723066 A3	07-24-1996	Baker Hughes		
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Sheet

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		US- 4679640	07-14-1987	Crawford	
		US- 4683781	08-04-1987	Kar et al.	
		US- 4694918	09-22-1987	Hall	
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		US- 5341890	08-30-1994	Cawthorne, et al.	
		US- 5346026	09-13-1994	Pessier et al.	
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
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		GB2315777 A	02-11-1998	Smith Inter		
		GB2309242 A	07-23-1997	Dresser Ind		
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**Complete if Known**

Application Number	10/709,653
Filing Date	May 20, 2004
First Named Inventor	Tucker, et al.
Art Unit	3672
Examiner Name	
Attorney Docket Number	78.1182

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (# known)			
		US- 5394952	03-07-1995	Johns et al.	
		US- 5407022	04-18-1995	Scott et al.	
		US- 5415243	05-16-1995	Lyon et al.	
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		US- 5496638	03-05-1996	Waldenstrom et al.	
		US- 5499688	03-19-1996	Dennis	
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		GB2281330 A	03-01-1995	Smith Inter		
		GB2335155 A	09-15-1999	Smith Inter		
		GB2334984 A	09-08-1999	Smith Inter		
		GB2334278 A	08-18-1999	Smith Inter		
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**Complete if Known**

Application Number	10/709,653
Filing Date	May 20, 2004
First Named Inventor	Tucker, et al.
Art Unit	3672
Examiner Name	
Attorney Docket Number	78.1182

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		Number-Kind Code <sup>2</sup> (if known)			
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		US- 5590727	01-07-1997	Tank et al.	
		US- 5592995	01-14-1997	Scott et al.	
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		US- 5630479	05-20-1997	Dennis	
		US- 5636700	06-10-1997	Shamburger, Jr.	
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		US- 5655612	08-12-1997	Grimes et al.	
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		GB2330851 A	05-05-1999	Smith Inter		
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/709,653
Filing Date	May 20, 2004
First Named Inventor	Tucker, et al.
Art Unit	3672
Examiner Name	
Attorney Docket Number	78.1182

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		Number-Kind Code <sup>2</sup> (if known)			
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		US- 5718948	02-17-1998	Ederyd et al.	
		US- 5722497	03-03-1998	Gum et al.	
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		US- 5755298	05-26-1998	Langford, Jr. et al.	
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
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Sheet 10

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Application Number	10/709,653
Filing Date	May 20, 2004
First Named Inventor	Tucker, et al.
Art Unit	3672
Examiner Name	
Attorney Docket Number	78.1182

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		US- 5839526	11-24-1998	Cisneros et al.	
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		US- 5855247	01-05-1999	Scott et al.	
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		US- 5924501	07-20-1999	Tibbitts	
		US- 5944129	08-31-1999	Jensen	
		US- 5954147	09-21-1999	Overstreet et al.	
		US- 5967245	10-19-1999	Garcia et al.	
		US- 5979575	11-09-1999	Overstreet et al.	
		US- 5984007	11-16-1999	Yuan et al.	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
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Application Number	10/709,653
Filing Date	May 20, 2004
First Named Inventor	Tucker, et al.
Art Unit	3672
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Attorney Docket Number	78.1182

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		US- 6059054	05-09-2000	Portwood et al.	
		US- 6063502	05-16-2000	Sue et al.	
		US- 6065552	05-23-2000	Scott et al.	
		US- 6102140	08-15-2000	Boyce et al.	
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		US- 6105694	08-22-2000	Scott	
		US- 6106957	08-22-2000	Fang	
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		US- 6173798 B1	01-16-2001	Bryant et al.	
		US- 6199645 B1	03-13-2001	Anderson et al.	
		US- 6220376 B1	04-24-2001	Lundell	
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		WO97/32805	10-16-1997	Smith Inter		
		WO97/38204	10-16-1997	Smith Inter		
		WO97/35091	09-25-1997	Dresser Ind		
		WO93/25795	12-23-1993	Baker Hughes		
		WO00/00655	01-06-2000	Sandvik AB		
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Application Number	10/709,653
Filing Date	May 20, 2004
First Named Inventor	Tucker, et al.
Art Unit	3672
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Application Number	10/709,653
Filing Date	May 20, 2004
First Named Inventor	Tucker, et al.
Art Unit	3672
Examiner Name	
Attorney Docket Number	78.1182

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